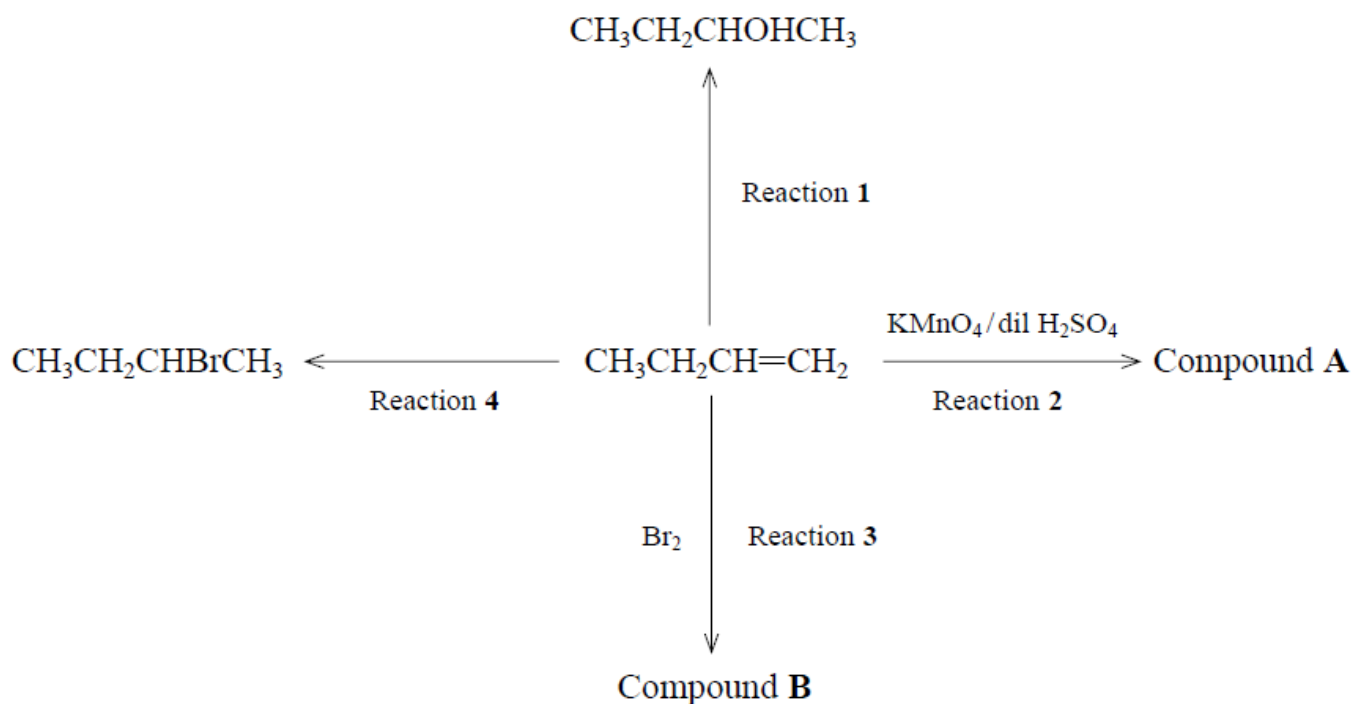


Crystal Ball: Organic reaction flow charts

All of the following questions have not (as yet!) appeared in the NCEA Level 2 Exams

1)



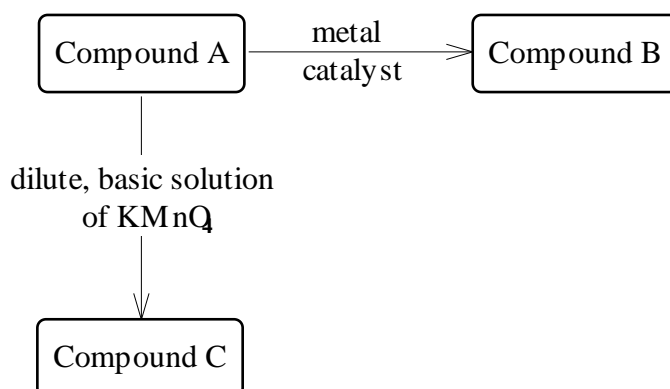
Complete the flow chart above by naming

a) i) Compounds A and B

ii) the reagents required for reactions 1 and 4

iii) state the name of the type of reaction involved for each of Reactions 1, 2, 3 and 4

2)



When one mole of compound A is completely combusted in oxygen, 3 moles of carbon dioxide are produced. When compound A is bubbled through a solution of bromine, the orange colour of the bromine disappears. Draw and name compounds A, B and C

3)

Ethene can react to form the following organic substances. Name each substance A to F

Describe the reagents and conditions used to produce compounds A – F (not compound B)

Draw and name the polymer formed from compound B

